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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/669,290	09/24/2003	Timothy J. Shuttleworth	11336/230 (P02069US)	6575	
	7590 03/22/200 ER GILSON & LIONE	EXAMINER			
P.O. BOX 10395			LAO, LUN S		
CHICAGO, IL 60610			ART UNIT	PAPER NUMBER	
		•	2615		
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SHORTENED STATUTOR	Y PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE		
31 D	DAYS	03/22/2007	PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

		Application	on No.	Applicant(s)			
Office Action Summary		10/669,29	90	SHUTTLEWORTH ET AL.			
		Examine	•	Art Unit			
	•	Lun-See l	_ao	2615			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply							
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).							
Status							
2a)□	2a) ☐ This action is FINAL . 2b) ☑ This action is non-final.						
Disposition of Claims							
5)☐ 6)☐ 7)☐ 8)⊠ Applicati 9)☐ 10)☐	Claim(s) 1-65 is/are pending in the applicate 4a) Of the above claim(s) is/are with Claim(s) is/are allowed. Claim(s) is/are rejected. Claim(s) is/are objected to. Claim(s) 1-65 are subject to restriction and on Papers The specification is objected to by the Example drawing(s) filed on is/are: a) Applicant may not request that any objection to Replacement drawing sheet(s) including the contents.	drawn from co /or election rec niner. accepted or b) the drawing(s) t	quirement. objected to by the Ended in abeyance. See	37 CFR 1.85(a).	FR 1.121(d).		
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Priority u	nder 35 U.S.C. § 119		•				
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
2) D Notice 3) D Inform	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449 or PTO/SB ' No(s)/Mail Date		4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal Pa	te) -152)		

Application/Control Number: 10/669,290

Art Unit: 2615

DETAILED ACTION

Introduction

1. This action is responses in the APPLICATION 10/669,290 filed on 09-24-2003. Claims 1-65 are pending.

Election/Restrictions

- 2. Restriction to one of the following inventions is required under 35 U.S. C. 121:
 - I. Claims 1-46, drawn to a noise compensation system comprising:

<u>a variable amplifier</u> configured to receive an audio input signal and <u>a source</u> <u>sound processor</u> coupled to the a variable amplifier and <u>an area sound processor</u> configured to receive an ambient sound input signal and <u>an adjustment circuit</u> coupled to the source and area sound processors, configured to perform a comparison of the set of audio output levels with the set of ambient sound levels, classified in class 381, subclass 57.

II. Claims 47-65, drawn to a method of compensating for noise in a listening area, comprising:

measuring characteristics of substantially constant background noise in the listening area; storing the characteristics of substantially constant background noise in the listening area; projecting a test signal into the listening area; calculating an ambient noise level, where the calculating includes: examining the ambient sound in the listening area with regard to the stored acoustic characteristics of the listening area and with regard to the stored characteristics of substantially constant background noise in the listening area, classified in class 381, subclass 94.1.

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3. Inventions I and II are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct if they do not overlap in scope and are not obvious variants, and if it is shown that at least one subcombination is separately usable. In the instant case, subcombination group II has separate utility such as subcombination group II can be a method of compensating noise system for other kinds of compensating noise system. See MPEP § 806.05(d).

- 4. Because these inventions are independent or distinct for the reasons given above and have acquired a separate status in the art in view of their different classification, restriction for examination purposes as indicated is proper.
- 5. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Conclusion

6. Any response to this action should be mailed to:

Mail Stop _____(explanation, e.g., Amendment or After-final, etc.)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Facsimile responses should be faxed to:
(571) 273-8300

Hand-delivered responses should be brought to: Customer Service Window Randolph Building Art Unit: 2615

401 Dulany Street Alexandria, VA 22314

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lao,Lun-See whose telephone number is (571) 272-7501. The examiner can normally be reached on Monday-Friday from 8:00 to 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chin Vivian, can be reached on (571) 272-7848.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 whose telephone number is (571) 272-2600.

Lao, Lun-See Patent Examiner US Patent and Trademark Office Knox 571-272-7501 Date 08-16-2006

vivian Chin

SUPERIOR TY PAIL HT EXAMINER